



Islamabad, Pakistan

Date: May 5, 2023

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To: Offeror

Request Number: 11488688

Issuing Date: May 5, 2023

Closing date: May 22, 2023

Closing Time 13.00 hrs. P.S.T.

From: International Narcotics and Law Enforcement Pakistan

Procurement Department

US Embassy

Diplomatic Enclave, Ramna 5

Islamabad

POC: Nasir Ali Choudhari, Procurement Specialist

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Phone: 92-51-201-4189

Nasir
5/5/23

Subject: **Request for Price Quotation- Supply installation, testing and commissioning of Solar System at Agriculture Research Academy Peshawar.**

International Narcotics and Law enforcement Affairs (INL) Pakistan has a requirement of Supply and installation, testing, and commissioning of Solar System at Agriculture Research Academy Peshawar. It will be a Firm-Fixed Price Purchase Order and bids from all potential offerors will be accepted based on the assurance of genuine product, delivery time and competitive pricing. You are encouraged to submit your bids before the deadline, i.e. **May 22, 2023 13.00 hrs P.S.T** (Pakistan Standard Time). The vendors dealing in the similar trade are required to participate in this Solicitation.

Please provide your price quote **on a priority basis** for this set of items:

The details of Equipment and materials are as under: -

The solar Panels invertors and equipment is required to be installed as per mutual agreement of installer and the end-user Agency i.e., Agriculture Research Academy Peshawar on the suitable location in the building. **The Quantities of solar panels, equipment and other material will remain unchanged (as mentioned in the list of material given below) no increase in quantities will be paid additionally.**

The quotation on Firm Fix Price Project basis is required.

Sr No	Specs	Qty	UOM	Unit cost	Total cost
1	<p>Inverter Hybrid 30 KW On-grid/net-metering enabled</p> <p>3 Phase On-Grid Inverter with Energy Storage</p> <p>Pure sine wave output</p> <p>Self-consumption and Feed-in to the grid</p> <p>Programmable supply priority for PV, Battery or Grid</p> <p>True galvanic isolation transformer design</p> <p>User-adjustable charging current</p> <p>Built-in timer for various mode of on/off operation</p> <p>Multiple communication for USB, RS-232, Modbus and SNMP</p> <p>Monitoring software for real-time status display and control</p> <p>Parallel operation up to 4 units</p> <p>Programmable Supply priority for PV, Battery or Grid</p> <p>PV Input: 45 KW</p> <p>Rated Output: 30 KW</p> <p>MPPT Voltage Range: 500-900 Volt DC</p> <p>Full Power Voltage Range: 625-900 Volt DC</p> <p>Battery DC Voltage: 384 VDC</p> <p>Max Conversion efficiency AC/DC: 95 %</p> <p>AC input: 65 A per phase</p> <p>Nominal Output current: 44 A per phase</p> <p>Power Factor: > 99</p> <p>AC Input: 170-280 VAC per phase</p> <p>Standard Manufacturer (Local Warrantee)</p>	1	Each		
2	<p>Solar Panel A Grade</p> <p>Tier-1, Half Cut Bifacial Half Cell Technology</p> <p>Module power up to Min 540 W</p> <p>Module efficiency up to 21.3 %</p> <p>12 years Product warranty Minimum.</p> <p>25 years output warranty Minimum.</p> <p>max 0.55% annual degradation over 25 years.</p> <p>Better shading tolerance</p> <p>Electric Profile STC</p> <p>Power output Tolerance (%) 0 to +3</p> <p>Minimum Power Voltage 41.5 V Minimum</p>	35,000	Watt		

	Power Current (A) 13.05 Solar cells: Monoperc Cell orientation: 144(6 x 24) Glass : High transparency, low iron Tempered, Glass 3.2mm (AR quoted) <u>Provision of shipping document and shipment pre-inspection report is mandatory</u> Canadian/Longi				
3	Solar Panel Mounting structure GI Pipe12 Gauge 6"x2.5" for primary structure 4"x2" for secondary structure Rust proof galvanized and highly resistant to wind pressure Including civil works As per required	1	Job/ Lump Sum		
4	Battery Pack Back up for up to 2 Hours on full load Lithium-ion Batteries 100 AH 48 Volts Max discharge current 100 AH Battery Management System Fresh stock Active warranty life min one year should be mentioned on battery warranty should be claimable in Pakistan The vendor should be importer or distributor for quoted batteries and shipping documents will be required Pylontech/Narada	16	Each		
5	Rack for Batteries Heavy duty stainless-steel rack for batteries	1	Job/ Lump Sum		
6	DC Cable min 10 mm Pure Copper full gauge (Pakistan Cable/GM Cable) for Solar Panel to Inverter along with Piping/ducting (Adamjee)	8	Roll		
7	Panel Box along with accessories AC/DC Breakers (Schneider Brand) change over 25 mm Cable for Battery Pak/GM Cable Duct/Pipe Adamjee Volt/Amp meter, indicator lights All other required accessories	1	Job/ Lump Sum		

8	<p>Earthing and lightning protection for complete System</p> <p>AC Earthing & DC Earthing should be provided separately having Less than 5 Ohm</p> <p>Including Copper Rod, Copper Wire, civil works, earthing compounds and all other accessories</p> <p>Earth Bore/pits should be done separately for DC/AC/Arresters for minimum 30 ft (depths)</p> <p>Arresters along with copper wire, Copper Rod, civil works, earthing compounds and other accessories for Solar Panels</p> <p>Earthing/grounding should be done as per NEPRA standard and necessary test certificates will required to be furnished.</p>	1	Job/ Lump Sum		
9	<p>Transportation, Installation, Configuration, training and One-year complete warranty & onsite support</p> <p>Onsite support should be available on short call with (in few hours/within same day)</p> <p>Installation, configuration and maintenance should be done by professional qualified engineers. Necessary certification/Licencing from NEPRA for installation is required to be furnished</p>	1	Job/ Lump Sum		
10	<p>Additional Wiring required to separate the solar powered and non-solar portion</p> <p>Including 7/44 wiring for 4 ACs (estimated qty 4 rolls)</p> <p>7/29 & 3/29 wiring for</p> <p>Lights/Fans/Fridge/Computer and other equipment (Estimated qty 30 Rolls)</p> <p>ducting (Adamjee) and other required accessories breakers (Schneider) /board/etc.</p> <p>Wiring should be done with finishing (if any damages occurred during the installation vendor have repair it in original condition)</p> <p>All Cables should be pure copper full gauge make: Pakistan Cable/GM Cable</p>	1	Job/ Lump Sum		
	Total				

1. Terms & Conditions:

a. Inspection & Acceptance:

US Government representative will inspect the products delivered to determine the quality and acceptability. Substandard products shall be returned at vendor's expense.

b. Warranty:

The offered equipment shall be covered under the standard warrant provision of the manufacturer.

c. Aftersales service Backup:

The vendor must have a well-established aftersales service network within Pakistan to provide the warranty services and aftersales services.

d. Payment Terms:

Payment will be made within 30 days through Electronic Funds Transfer (EFT) upon submission of legitimate invoice to Financial Management Officer (FMO) after delivery, installation, and training.

e. Customs Clearance:

The U.S. Government (INL) will obtain customs and duty exemption certificates from Government of Pakistan for the imported items and will facilitate duty free customs clearance of imported items. The successful bidder will be required to send scanned copies shipping documents in advance to enable the INL to seek necessary tax exemption certificates from the Government of Pakistan prior to the shipment. The original shall be received one week before the arrival of shipment at designated port.

1. Evaluation Criteria:

For the consideration OF Proposals (offers) for the subject Project, the offerors Shall Have to meet the following evaluation criteria.

- Provide a detailed compliance matrix on the minimum specification requirements and existing product literature to substantiate the acceptability of the proposed product/equipment.
- Provide the details of warrantee provisions available in Pakistan.
- Provide data detailing their after-sales service provisions in KPK Province.
- Provide the authorization certification from the manufacturer for the supply and installation of the equipment to ensure the validity of standard manufacturer warrantee after installation.
- Provide proof that they have held a minimum of three contracts/orders or agreements (of equivalent financial/Technical magnitude) to demonstrate their prior experience in this field.

- Provide a satisfied client list (with contact details) for the similar nature projects.
- Provide their registration with local chamber of commerce/trade associations.
- Provide proof of financial capabilities to accept and complete the projects of this financial magnitude.
- To ensure the genuine products INL will need the serial numbers of the equipment and will verify directly from Manufacturer.
- Licensing/Certification from PNRA for the Sale, Installation and provision of after sales services for complete solar solution is mandatory requirement.

2. Submission of Invoice:

Each invoice shall include vendor invoice number, purchase order/contract number, date issued, brief description of supplies/services provided, quantities, unit and total price, and signed by the signing authority.

Invoices must be routed to:

1. One original invoice in pdf format to the Financial Management Center to IslamabadFMC-Invoices@state.gov
2. One copy clearly marked "DUPLICATE Copy for INLP – Islamabad-INLP-Procurement@state.gov"

Although email is the preferred method, invoices may also be submitted by mail (do not send electronically if you mail the invoice to the following address to avoid duplication):

Financial Management Officer (FMO)
US Embassy, Diplomatic Enclave
Ramna-5, Islamabad

For payment related queries contractor will contact Financial Management Officer (FMO) IslamabadFMC-Invoices@state.gov. Contracting Officer takes no responsibility for payment and/or associated queries.

3. Quote Submission's Due Date:

Please submit your quote on or before **May 22, 2023 on or before 13.00 hrs P.S.T** to **INL Management Officer, U.S. Embassy, Diplomatic Enclave, Ramna-5, Islamabad** or via email to following email addresses:

ChoudhariNA@state.gov

4. Important Notes

1. No quote shall be acceptable after the due date.
2. Please prepare a quotation on your company's letterhead in accordance with the requested details of this RFQ.
3. Please provide reference of our Request Number **11488688** in all your correspondence regarding this request for price quotation.
4. For clarification on any matter, you may contact Nasir Ali Choudhari, Procurement Specialist at email ChoudhariNA@state.gov Phone # 051-201-4189

5. **Contract Clauses:**

FAR & DOSAR (attached) clauses will apply to this Procurement. These clauses can be accessed through following link:

FAR 52.252-2 Clauses Incorporated by Reference (FEB 1998)

This purchase order or BPA incorporates the following clauses by reference, with the same

force and effect as if they were given in full text. Upon request, the Contracting Officer will

make their full text available. Also, the full text of a clause may be accessed

electronically at

this address:

<https://www.acquisition.gov/far>

DOSAR clauses may be accessed at:

<http://www.statebuy.state.gov/dosar/dosartoc.htm>

FEDERAL ACQUISITION REGULATION (48 CFR Chapter 1) CLAUSES

Number	Title	Date
52.204-7	SYSTEM FOR AWARD MANAGEMENT	OCT 2018
52.204-9	Personal Identity Verification of Contractor Personnel (if contractor requires physical access to a federally controlled facility or access to a federal information system)	JAN 2011
52.204-13	SYSTEM FOR AWARD MANAGEMENT MAINTENANCE	OCT 2018
52.204-18	COMMERCIAL AND GOVERNMENT ENTITY CODE MAINTENANCE	JUL 2016
52.212-4	Contract Terms and Conditions – Commercial Items (Alternate I (MAY 2014) of 52.212-4 applies if the order is time-and-materials or labor-hour)	OCT 2018
52.225-19	Contractor Personnel in a Diplomatic or Consular Mission Outside the United States (applies to services at danger pay posts only)	MAY 2020
52.227-19	Commercial Computer Software License (if order is for software)	DEC 2007
52.228-3	Workers' Compensation Insurance (Defense Base Act) (if order is for services and contractor employees are covered by	JUL 2014

	Defense Base Act insurance)	
52.228-4	Workers' Compensation and War-Hazard Insurance (if order is for services and contractor employees are not covered by Defense Base Act insurance)	APR 1984
52.244-6	SUBCONTRACTS FOR COMMERCIAL ITEMS	NOV 2020
52.246-26	REPORTING NON-CONFORMING ITEMS	JUN 2020

***** END *****